

ABSTRACT OF THE DISCLOSURE

The semiconductor laser apparatus includes a semiconductor laser, a detection element for detecting the intensity of the output light from the 5 semiconductor laser, an error detection circuit containing a gain controllable operation amplifying circuit and a gain-fixed type control amplifying circuit connected to a next stage to the gain controllable operation amplifying circuit, to which a 10 semiconductor laser drive control signal is input and an output signal of the detection element is input as a negative feedback signal, for outputting an error signal corresponding to a difference between the two input signals, a high-frequency signal generating 15 circuit for generating a high-frequency signal having a predetermined frequency, a high-frequency signal superimposing circuit for superimposing the high-frequency signal onto the output signal from the error detection circuit, and a laser drive circuit for 20 supplying a drive current to the semiconductor laser on the basis of the output signal from the high-frequency signal superimposing circuit.